

## ABSTRACT

Disclosed is the detection of a target nucleic acid sequence in a mixture of different nucleic acids having additional binding sites, by: hybridizing the target nucleic acid sequence with a probe in liquid phase, the probe having a first label. The additional  
5 binding sites are hybridized with single stranded nucleic acids having random primary sequences in liquid phase, the different nucleic acids are separated, and the target nucleic acid is detected by using the labeled probe.